

ABSTRACT:

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10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

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A device according to the invention, for reading and/or writing information from/onto an optical information carrier (1), comprises read means (2) including imaging means (21, 22, 23) for imaging a radiation beam (24) so as to form a scanning spot (11) with which the information carrier (1) is scanned and including detection means (26) for generating a read signal (S_{LS}) which is indicative of the intensity of the radiation reflected from the information carrier (1) at the location of the scanning spot (11). The device has an information transfer mode, in which the scanning spot (11) is moved in a first direction (R_1) with respect to the information carrier (1). The device further has a displacement mode, in which the scanning spot (11) is moved in a second direction (R_2) transverse to the first direction (R_1). The device includes control means (40, 41) for controlling the imaging means (21, 22, 23) in response to a measurement signal (FE) which is indicative of the degree of focusing of the radiation beam (24) at the location of the scanning spot (11). The control means include sample and hold means (40) for sampling and holding the measurement signal (FE) in response to a sample signal (S_{CNTRL}). According to the invention the device is characterized in that the sample signal (S_{CNTRL}) causes the measurement signal (FE) to be sampled when said intensity is comparatively high. This measure reduces radial to vertical crosstalk.

Fig. 1